

Power Steering Cold Start Squawk/Squeal Type Noise When Outside Temperature Below -24C (-12F) (Replace Power Steering Fluid) #04-02-32-002 - (Mar 1, 2004)

Power Steering Cold Start Squawk/Squeal Type Noise When Outside Temperature Below -24°C (-12°F)
(Replace Power Steering Fluid)

2004 Cadillac CTS, CTS-V

with 3.6L or 5.7L Engine (VINS 7, S -- RPOs LY7, LS6)

Condition

Important

This condition, which is related to power steering fluid viscosity, should not be confused with conditions having similar symptoms such as those described in the Symptom List in the Power Steering System subsection of the Service Manual.

Some customers may comment on hearing a squawk/squeal type noise coming from the engine compartment and occurring when the outside ambient temperatures are very low (approximately -24°C (-12°F) and lower).

Cause

This condition may be due to the low ambient temperatures causing the power steering fluid to thicken in the same manner as any other petroleum-based oil or fluid. Upon cold starting, the fluid resists movement and does not circulate through the power steering pump as easily as it does after warming and thinning to its normal operating viscosity.

Correction

1. Flush the old fluid from the power steering system. Refer to Flushing the Power Steering System in the Power Steering sub-section of the Service Manual or SI document #662938.



2. Fill the power steering system with new Cold Climate Power Steering Fluid.
3. Bleed the power steering system to remove any trapped air. Refer to Bleeding the Power Steering System in the Power Steering sub-section of the Service Manual or SI document #487449.

Parts Information

Part Number	Description	Size
12345866 (Canada 10953484)	Cold Climate Power Steering Fluid	16 oz (0.5 L)
12345867 (Canada 10953471)		32 oz (1.0 L)

Parts are currently available from GMSPO.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
E9404*	P/Steering Fluid Flush and Replace w/Cold Climate Fluid	1.4 hrs
*This is a unique labor operation to be used only with this bulletin.		

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